

AMENDMENTS TO THE SPECIFICATION

Please replace the present title with the following amended title:

MEASURING APPARATUS SURFACE PLASMON RESONANCE MEASURING
APPARATUS

Please replace the 2nd paragraph on page 8 with the following amended paragraph:

Note that in order to measure the coupled state between an inspection substance in a liquid sample and a sensing substance, the total reflection attenuation angle θ_{sp} itself does not always need to be detected. For example, a liquid sample with a target substance is added to a sensing substance. Next, a change in the total reflection attenuation angle θ_{sp} is measured. Based on the magnitude of the change, the coupled state between the inspection substance and the sensing substance can be measured. In the case where the aforementioned photodetection means and differentiation means are employed in a measuring apparatus utilizing ATR, a quantity of change in a differentiated value corresponds to a quantity of change in the total reflection attenuation angle θ_{sp} . Therefore, based on a quantity of change in a differentiated value, the coupled state between the sensing substance and the target substance can be measured (see U.S. Patent Laid-Open No. 20020040426 Japanese Unexamined Patent Publication No. 2003-172694).